ENROLLMENT REPORT ON GRADUATE DEGREE PROGRAMS IN PHARMACY

FALL 1984

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ENROLLMENT REPORT ON GRADUATE DEGREE PROGRAMS IN PHARMACY, FALL 1984

INTRODUCTION

Enrollments in pharmacy's 54 graduate programs decreased 0.72 percent for the academic year 1984-85. Total number of students now participating in masters and doctoral programs is 3,029. While this figure is up almost 50 percent from 1972, the 1984-85 figures indicate a modest drop for the fifth time over the 13 year period.

FULL-TIME PH.D. ENROLLMENTS

Doctoral program enrollments jumped by nine percent to 1,496 students. The most significant component within this increase was a 10.5 percent increase in female students.

Specific enrollment gains by discipline ranged from 7.5 percent in Pharmacy to 40.6 percent in Pharmacognosy. Pharmaceutical Chemistry and Pharmacy Administration rose by 17.5 percent and 17.8 percent, respectively. Pharmacology was the only discipline with decreased doctoral enrollments (9.7 percent).

FULL-TIME MASTER OF SCIENCE ENROLLMENTS

Four of six pharmacy disciplines registered decreases in full-time Master of Science enrollments. Total master's program 1983-84 enrollments dropped 6.3 percent (from 734 to 688) from 1982-83 figures as follows: Pharmacy/ Pharmaceutics (196 to 187); Pharmaceutical/Medicinal Chemistry (137 to 123); Hospital Pharmacy (135 to 113); and Pharmacognosy (36 to 24).

Students enrolling in master's programs in Pharmacy Administration and Pharmacology increased by 10.4 and 2.0 percent, respectively.

PART-TIME M.S. AND PH.D. ENROLLMENTS

While there was a wide range in drop-off figures within specific pharmacy disciplines, there can be no question that part-time enrollments in all graduate programs showed significant decreases. Overall, enrollments declined by 10.5 percent (944 to 845). Masters programs suffered a 10.4 percent loss and doctoral programs a 10.7 percent decline.

Declines by discipline were as follows: 64.3 percent for Pharmacognosy; 13.2 percent for Pharmaceutical Chemistry; 9.9 percent for Pharmacology; 7.7 percent for Hospital Pharmacy; and 3.5 percent for Pharmacy Administration.

Continued.....

FEMALE ENROLLMENTS

The number of women participating in graduate pharmacy programs continues to grow. Overall, the total number of full-time graduate women climbed 2.1 percent to 735 students in 1984-85 -- the average of doctoral enrollments increasing 10.5 percent and masters enrollments declining 9.1 percent. Women now comprise 33.7 percent of all full-time graduate students compared to 32.4 percent of all enrollments in 1983-84. Forty point eight percent of all master's students and 30.3 percent of doctoral students are females. Female enrollment in most disciplines rose slightly from the 1983-84 academic year.

MINORITY ENROLLMENT

The 1983-84 figures show an increase in minority students enrolled in masters programs but a decrease of involvement in doctoral programs. The largest gain was made by Asian Americans enrolled in masters programs; numbers of Blacks remained the same; Hispanics, Native Americans and other minorities decreased in representation.

Doctoral enrollment declines were registered by Asian Americans, Blacks, Hispanics and other minorities. Native Americans were the only doctoral category of minorities to remain stable.

FIGURE 1

DEFINITIONS OF DISCIPLINE CATEGORIES

PHARMACY INCLUDES:	Pharmaceutics Industrial Pharmacy Clinical Pharmacy Drug Information
PHARMACEUTICAL CHEMISTRY INCLUDES:	Clinical Chemistry Radiopharmacy Bionucleonics Medicinal Chemistry Radiological Health
PHARMACOGNOSY INCLUDES:	Molecular Biology Quantum Biology Microbiology
PHARMACOLOGY INCLUDES:	Biochemical Pharmacology Toxicology Neuropharmacology Psychopharmacology Cardiovascular Pharmacology Autonomic Pharmacology
PHARMACY ADMINISTRATION INCLUDES:	Hospital Pharmacy Administration History of Pharmacy Social Studies of Pharmacy
HOSPITAL PHARMACY INCLUDES:	Hospital Pharmacy only

TABLE 1
FALL 1984 FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS*

SCHOOLS BY STATE	PHARM. M	PHARM. F	PH. CHEM. M	PH. CHEM. F	PHCOG. M	PHCOG. F	PHCOL. M	PHCOL. F	PH. ADM. M	PH. ADM. F	HOSP. PH. M	HOSP. PH. F	TOTALS M	TOTALS F	GRAND TOTAL
Auburn U.	2	2	2	1	0	0	1	1	2	2	1	0	8	6	14
Arizona, U. of	1	1	1	1	0	0	13	15	0	2	1	0	16	19	35
Arkansas, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
California, U. of	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Pacific, U. of	0	1	1	0	0	0	3	2	0	0	2	2	6	5	11
Southern California, U. of	3	3	1	0	0	0	0	2	0	0	0	0	4	5	9
Colorado, U. of	0	1	1	0	0	0	1	0	0	1	0	0	2	2	4
Connecticut, U. of	0	0	1	3	1	1	1	0	0	1	0	0	3	5	8
Florida A&M U.	0	0	0	0	0	0	14	6	0	0	0	0	14	6	20
Florida, U. of	0	1	0	0	0	0	0	0	1	0	0	0	1	1	2
Georgia, U. of	5	6	2	1	0	0	2	1	2	0	0	0	11	8	19
Idaho State U.	0	0	1	0	1	1	3	1	0	0	0	0	5	2	7
Illinois, U. of	2	2	0	0	1	0	0	0	8	2	0	0	11	4	15
Butler U.	0	0	0	0	0	0	0	1	0	0	1	0	1	1	2
Purdue U.	3	4	2	5	1	1	5	2	2	0	0	0	13	12	25
Iowa, U. of	1	4	0	0	0	0	0	0	0	2	3	4	4	10	14
Kansas, U. of	0	1	2	0	0	0	0	0	0	0	2	4	4	5	9
Kentucky, U. of	2	1	0	0	0	0	0	0	0	0	0	0	2	1	3
Northeast Louisiana U.	6	2	0	0	0	0	5	2	0	1	2	1	13	6	19
Maryland U. of	2	0	1	0	0	0	1	1	1	2	0	1	5	4	9
Massachusetts Coll. of Pharm.	8	8	5	3	1	0	6	1	0	0	0	0	20	12	32
Northeastern U.	0	0	12	0	0	0	4	1	0	0	6	4	22	5	27
Michigan, U. of	5	3	2	3	0	0	0	0	0	0	0	0	7	6	13
Wayne State U.	0	0	2	0	0	0	1	0	2	0	0	0	5	0	5
Minnesota, U. of	2	2	1	1	0	1	0	0	1	0	7	3	11	7	18
Mississippi, U. of	3	0	0	0	1	2	1	2	12	0	0	0	17	4	21
Missouri - Kansas City, U. of	0	0	0	0	0	0	3	1	1	0	0	0	4	1	5
Montana, U. of	0	0	0	0	0	1	1	0	0	0	0	0	1	1	2
Nebraska, U. of	2	0	0	0	0	0	1	0	0	0	0	0	3	0	3
Rutgers U.	5	3	1	2	1	0	1	4	0	0	0	0	8	9	17
A&M Schwartz Long Island U.	16	4	0	0	0	0	5	3	6	2	0	0	27	9	36
St. John's U.	8	9	1	0	0	0	6	2	2	2	0	0	17	13	30
New York at Buffalo, State U. of	1	0	0	2	0	0	0	1	0	0	0	0	1	3	4
North Carolina, U. of	1	2	2	3	0	0	0	0	2	1	5	8	10	14	24
North Dakota State U.	0	0	5	4	0	0	0	0	0	0	2	2	7	6	13
Ohio State U.	2	1	0	0	0	0	1	1	5	1	11	5	19	8	27
Cincinnati, U. of	1	5	0	0	0	0	0	0	0	0	0	0	1	5	6
Toledo, U. of	1	0	1	0	2	1	1	2	0	0	1	0	6	3	9
Oklahoma, U. of	2	1	1	0	1	0	0	0	0	0	1	0	5	1	6
Oregon State U.	0	1	2	2	1	1	0	0	0	1	0	3	3	8	11
Duquesne U.	1	2	2	2	0	0	2	2	0	0	0	0	5	6	11
Philadelphia Coll. of Pharm.	0	0	5	0	0	0	1	2	0	0	0	0	6	2	8
Temple U.	1	1	4	5	0	0	2	0	0	0	1	1	8	7	15
Pittsburgh, U. of	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Rhode Island, U. of	2	2	1	1	3	0	2	2	1	1	0	0	9	6	15
South Carolina, U. of	1	0	5	0	0	0	0	0	1	1	0	0	7	1	8
Tennessee, U. of	0	0	0	1	0	0	0	0	2	4	0	0	2	5	7
Houston, U. of	6	2	7	2	0	0	1	2	0	0	2	9	16	15	31
Texas at Austin, U. of	4	3	2	2	0	0	1	3	1	2	0	0	8	10	18
Utah, U. of	0	0	0	0	0	0	0	0	4	1	3	1	7	2	9
Virginia Commonwealth U.	1	1	1	0	0	0	0	0	0	0	0	0	2	1	3
Washington, U. of	2	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Washington State U.	0	0	0	0	0	0	4	0	0	0	0	0	4	0	4
West Virginia U.	3	3	0	1	0	0	0	0	0	0	0	0	3	4	7
Wisconsin-Madison, U. of	0	0	0	0	0	0	0	0	0	0	8	3	8	3	11
TOTAL	105	82	78	45	14	10	93	63	56	29	61	52	407	281	688

*Areas of study in each discipline are listed in Figure 1.

TABLE 2-A
FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	0	0	0	0	2	2	2	2	4
Arizona, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Pacific, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	3	2	3	2	5
Colorado, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Florida, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	4	5	4	5	9
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Purdue U.	0	0	0	1	0	0	0	0	0	0	1	0	1	1	2
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	1	4	1	4	5
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	6	2	6	2	8
Maryland U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Massachusetts Coll. of Pharm.	0	0	0	3	0	1	0	0	0	0	8	2	8	6	14
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Rutgers U.	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
A&M Schwartz Long Island U.	1	2	1	0	0	0	0	0	0	0	14	1	16	3	19
St. John's U.	1	0	0	1	1	1	0	0	0	0	6	5	8	7	15
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Ohio State U.	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	0	1	3	1	3	4
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Oklahoma, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Oregon State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Duquesne U.	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Houston, U. of	0	0	0	0	0	0	0	0	0	0	6	2	6	2	8
Texas at Austin, U. of	0	0	0	0	0	0	0	0	0	0	3	3	3	3	6
Washington, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
West Virginia U.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
TOTAL	2	2	1	5	1	2	0	0	0	0	78	51	82	60	142

TABLE 2-B

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACEUTICAL/MEDICINAL CHEMISTRY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
California, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Idaho State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Purdue U.	0	0	0	0	0	0	0	0	0	0	2	2	2	2	4
Massachusetts Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	4	3	4	3	7
Michigan, U. of	0	0	0	0	0	0	0	0	0	0	0	3	0	3	3
Wayne State U.	1	0	0	0	0	0	0	0	0	0	1	0	2	0	2
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
St. John's U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
New York at Buffalo, State U.	0	0	0	1	0	0	0	0	0	0	0	1	0	2	2
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Oregon State U.	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Duquesne U.	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4
Rhode Island, U. of	0	0	0	0	0	1	0	0	1	0	0	0	1	1	2
South Carolina, U. of	0	0	0	1	0	0	0	0	0	0	3	0	3	0	3
Houston, U. of	2	1	0	0	0	0	0	0	0	0	5	0	7	1	8
West Virginia, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
TOTAL	3	2	0	1	0	1	0	0	1	0	31	16	35	20	55

TABLE 2-C

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACOGNOSY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Montana, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Oklahoma, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
TOTAL	0	0	0	0	0	0	0	0	0	0	5	4	5	4	9

TABLE 2-D

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACOLOGY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Arizona, U. of	0	0	0	0	0	1	0	0	0	0	3	0	3	1	4
Pacific, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Florida A&M U.	8	4	0	0	0	0	0	0	0	0	3	1	11	5	16
Georgia, U. of	1	0	0	0	0	0	0	0	0	0	1	1	2	1	3
Idaho State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Butler U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Purdue U.	0	1	0	0	0	0	0	0	0	0	0	1	0	2	2
Northeast Louisiana U.	1	0	0	0	0	0	0	0	0	0	1	1	2	1	3
Maryland U. of	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Massachusetts Coll. of Pharmacy	0	0	1	0	0	0	0	0	0	0	2	1	3	1	4
Mississippi, U. of	0	1	0	0	0	0	0	0	0	0	1	0	1	1	2
Missouri-Kansas City U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Montana, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
A&M Schwartz Long Island U.	0	1	0	0	3	1	0	0	0	0	1	1	4	3	7
St. John's U.	0	0	0	0	2	1	0	0	0	0	2	1	4	2	6
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Duquesne U.	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1
Houston, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Texas at Austin, U. of	0	0	0	0	0	1	0	0	0	0	0	1	0	2	2
Washington State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
TOTAL	11	7	1	0	5	5	0	0	0	0	23	14	40	26	66

TABLE 2-E

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

PHARMACY ADMINISTRATION

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	1	1	0	0	0	0	0	0	1	1	2
Arizona, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Purdue U.	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Wayne State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
A&M Schwartz Long Island U.	0	0	0	0	1	0	0	0	0	0	5	2	6	2	8
St. John's U.	0	0	0	1	0	0	0	0	0	0	2	1	2	2	4
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Ohio State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Oregon State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Rhode Island, U. of	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
South Carolina, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Texas at Austin, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Utah, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
TOTAL	0	1	1	1	2	1	0	0	0	0	13	13	16	16	32

TABLE 2-F

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN MASTERS PROGRAMS

HOSPITAL PHARMACY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		NATIVE AMERICAN		ASIAN AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U.	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Pacific, U. of the	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Kansas, U. of	0	0	0	1	0	0	1	0	0	0	0	0	1	1	2
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Maryland U. of	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
North Carolina, U. of	0	0	0	0	0	0	0	0	0	0	1	3	1	3	4
Toledo, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Wisconsin-Madison, U. of	0	1	0	0	0	0	0	1	0	0	0	0	0	2	2
TOTAL	0	1	0	2	0	0	2	1	0	0	6	7	8	11	19

TABLE 3
FALL 1984 FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS*

SCHOOLS BY STATE	PHARM.		PH. CHEM.		PHCOG.		PHCOL.		PH. ADM.		HOSP. PH.		TOTALS		GRAND
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Auburn, U. of	3	1	0	0	0	0	0	0	0	0	0	0	3	1	4
Arizona, U. of	6	1	7	3	1	0	19	5	4	3	0	0	37	12	49
California, U. of	0	0	46	27	0	0	0	0	0	0	0	0	46	27	73
Pacific, U. of	3	0	4	1	0	0	3	2	0	0	0	0	10	3	13
Southern California, U. of	8	2	11	3	0	0	3	3	1	1	0	0	23	9	32
Colorado, U. of	1	1	0	0	0	0	6	0	1	1	0	0	8	2	10
Connecticut, U. of	20	10	7	0	3	0	15	13	0	0	0	0	45	23	68
Florida, U. of	12	7	8	2	0	0	0	0	3	2	0	0	23	11	34
Georgia, U. of	9	1	7	2	0	0	6	2	1	0	0	0	23	5	28
Illinois, U. of	10	8	15	11	13	5	0	0	0	0	0	0	38	24	62
Purdue U.	19	13	32	12	5	3	11	2	2	3	0	0	69	33	102
Iowa, U. of	19	11	14	5	0	0	0	0	3	1	0	0	36	17	53
Kansas, U. of	28	11	28	6	0	0	8	5	0	0	0	0	64	22	86
Kentucky, U. of	19	6	12	2	0	0	5	1	0	0	0	0	36	9	45
Northeast Louisiana U.	3	1	0	0	0	1	7	1	1	1	0	0	11	4	15
Maryland U. of	3	1	1	1	3	0	6	2	1	0	0	0	14	4	18
Massachusetts Coll. of Pharm.	6	1	3	0	0	0	1	0	0	0	0	0	10	1	11
Northeastern U.	0	0	36	14	0	0	0	0	0	0	0	0	36	14	50
Michigan, U. of	17	14	5	7	3	0	0	0	0	0	0	0	25	21	46
Wayne State U.	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Minnesota, U. of	13	4	15	3	9	10	0	0	14	8	0	0	51	25	76
Mississippi, U. of	0	0	0	0	5	2	2	0	3	2	0	0	10	4	14
Missouri - Kansas City, U. of	3	0	0	0	0	0	1	1	0	0	0	0	4	1	5
Nebraska, U. of	3	5	8	2	0	0	2	2	0	0	0	0	13	9	22
Rutgers U.	7	3	1	1	6	1	10	8	0	0	0	0	24	13	37
St. John's U.	4	0	0	0	0	0	0	0	0	0	0	0	4	0	4
New York at Buffalo, State U. of	14	9	12	4	0	0	2	0	0	0	0	0	28	13	41
North Carolina, U. of	7	2	14	4	0	0	0	0	1	1	0	0	22	7	29
North Dakota State U.	0	0	1	0	2	0	0	0	0	0	0	0	1	0	1
Ohio State U.	9	3	19	8	0	0	9	5	4	0	0	0	41	16	57
Cincinnati, U. of	9	1	0	0	0	0	0	0	0	0	0	0	9	1	10
Oklahoma, U. of	1	0	0	1	4	0	3	2	0	0	0	0	8	3	11
Oregon State U.	0	3	3	3	0	0	4	6	0	0	0	0	7	12	19
Philadelphia Coll. of Pharm.	10	1	3	1	0	0	7	2	0	0	0	0	20	4	24
Temple U.	2	0	7	2	0	0	4	1	0	0	0	0	13	3	16
Pittsburgh, U. of	3	4	5	1	3	1	7	4	0	0	0	0	18	10	28
Rhode Island, U. of	4	2	3	3	3	1	2	2	1	1	0	0	13	9	22
South Carolina, Medical U. of	4	0	1	0	0	0	0	0	0	0	0	0	5	0	5
South Carolina, U. of	0	0	1	0	0	0	1	0	1	2	0	0	3	2	5
Tennessee, U. of	5	0	0	0	0	0	3	4	0	0	0	0	8	4	12
Houston, U. of	1	2	4	0	0	0	9	1	0	0	0	0	14	3	17
Texas at Austin, U. of	10	5	7	3	0	0	5	3	5	5	0	0	27	16	43
Utah, U. of	24	5	7	4	0	0	5	3	0	0	0	0	36	12	48
Virginia Commonwealth U.	7	2	10	3	0	0	0	0	0	0	0	0	17	5	22
Washington, U. of	5	7	11	4	0	0	0	0	0	0	0	0	16	11	27
Washington State U.	0	0	2	0	0	1	13	4	0	0	0	0	15	5	20
West Virginia U.	3	1	0	3	0	0	0	0	0	0	0	0	3	4	7
Wisconsin-Madison, U. of	27	7	6	2	4	3	11	5	6	3	0	0	54	20	74
TOTAL	362	155	376	148	62	28	190	89	52	34	0	0	1042	454	1496

*Areas of study in each discipline are listed in Figure 1.

TABLE 4-A

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS

PHARMACY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Auburn U	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Arizona, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Pacific, U. of the	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	6	2	7	2	9
Colorado, U. of	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	12	2	12	2	14
Florida, U. of	0	0	1	0	0	0	0	0	0	0	4	3	5	3	8
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Illinois, U. of	0	0	0	0	0	2	0	0	0	0	8	5	8	7	15
Purdue U.	0	0	2	1	0	1	0	0	0	0	3	4	5	6	11
Iowa, U. of	0	0	0	0	1	1	0	0	0	0	5	4	6	5	11
Kansas, U. of	1	0	0	0	3	0	0	0	0	0	12	3	16	3	19
Kentucky, U. of	1	0	0	0	0	0	0	0	0	0	8	2	9	2	11
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Massachusetts Coll. of Pharms	0	0	0	0	0	0	0	0	0	0	2	1	2	1	3
Michigan, U. of	0	0	0	1	1	2	0	0	0	0	5	3	6	6	12
Wayne State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	9	4	9	4	13
Missouri-Kansas City, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Rutgers U.	0	0	0	0	0	0	0	0	0	0	5	2	5	2	7
St. John's U.	0	0	0	0	1	0	0	0	0	0	3	0	4	0	4
New York-Buffalo State U.	0	0	0	0	0	0	0	0	0	0	7	2	7	2	9
North Carolina, U. of	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Ohio State U.	0	0	0	0	0	0	0	0	0	0	7	0	7	0	7
Cincinnati, U. of	0	0	0	0	0	0	0	0	0	1	6	0	6	1	7
Oklahoma, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Oregon State U.	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Temple U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	3	2	3	2	5
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Tennessee, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Houston, U. of	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2
Texas-Austin, U. of	0	0	0	1	1	0	0	0	0	0	3	1	4	2	6
Utah, U. of	0	0	0	0	2	0	0	0	0	0	15	3	17	3	20
Virginia Commonwealth U.	0	0	0	0	0	0	0	0	0	0	5	1	5	1	6
Washington, U. of	0	0	0	0	0	0	0	0	0	0	2	3	2	3	5
West Virginia, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Wisconsin, U. of	1	0	0	1	0	0	0	0	0	0	11	4	12	5	17
TOTAL	3	1	3	4	9	6	1	0	1	1	169	62	186	74	260

TABLE 4-B

FALL 1984 MINORITY FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS

PHARMACEUTICAL/MEDICINAL CHEMISTRY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Arizona, U. of	0	0	0	0	0	1	0	0	0	0	2	0	2	1	3
California, U. of	1	0	4	0	4	1	0	0	0	0	8	7	17	8	25
Pacific, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	8	2	8	2	10
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Georgia, U. of	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	5	6	5	6	11
Purdue U.	0	0	0	2	0	0	0	0	0	0	10	4	10	6	16
Iowa, U. of	0	0	3	1	0	0	0	0	0	0	4	0	7	1	8
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	7	3	7	3	10
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	7	2	7	2	9
Maryland U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Massachusetts Cool. of Pharm.	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Michigan, U. of	0	0	0	1	1	0	0	0	0	0	1	1	2	2	4
Minnesota, U. of	0	0	0	0	1	0	0	0	0	0	6	1	7	1	8
Nebraska, U. of	0	0	0	0	0	0	0	0	0	0	3	2	3	2	5
New York at Buffalo, State U. of	1	0	0	0	0	0	0	0	0	0	6	2	6	2	8
North Carolina, U. of	1	0	0	0	0	0	0	0	0	0	3	1	4	1	5
Ohio State U.	0	0	0	0	0	0	0	0	0	0	9	5	9	5	14
Oklahoma, U. of	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1
Oregon State U.	0	0	0	0	0	0	0	0	0	0	2	3	2	3	5
Philadelphia Coll. of Pharm.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Rhode Island, U. of	0	0	0	0	0	1	0	0	1	0	1	0	2	1	3
South Carolina, U. of	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1
Houston, U. of	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Texas-Austin, U. of	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Utah, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
Washington, U. of	0	0	0	0	1	0	0	0	0	0	3	0	4	0	4
Washington State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Wisconsin-Madison, U. of	0	0	0	0	1	0	0	0	0	0	2	0	3	0	3
TOTAL	2	0	7	4	8	4	0	0	1	0	114	44	132	52	184

TABLE 4-C

FALL 1984 FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS

PHARMACOGNOSY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Illinois, U. of	0	0	0	0	0	0	0	0	0	0	8	4	8	4	12
Purdue U.	0	0	0	1	0	0	0	0	0	0	2	1	2	2	4
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Maryland, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Michigan, U. of	0	0	0	0	1	0	0	0	0	0	2	0	3	0	3
Minnesota, U. of	0	0	0	0	0	0	0	0	0	0	8	9	8	9	17
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	4	2	4	2	6
Rutgers U.	0	0	0	0	0	0	0	0	0	0	4	1	4	1	5
Oklahoma, U. of	1	0	0	0	1	0	0	0	0	0	0	0	2	0	2
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Rhode Island, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Washington State U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Wisconsin, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
TOTAL	1	0	0	1	2	0	0	0	0	0	36	21	39	22	61

TABLE 4-D

FALL 1984 FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS

PHARMACOLOGY

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Arizona, U. of	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Pacific, U. of the	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Southern California, U. of	0	0	0	0	0	0	0	0	0	0	1	3	1	3	4
Connecticut, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Purdue U.	0	0	0	0	0	0	0	0	0	0	3	0	3	0	3
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	2	2	2	2	4
Kentucky, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Mississippi, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Nebraska, U. of	0	0	0	0	0	0	0	0	0	1	1	0	1	1	2
New York-Buffalo State U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Ohio State U.	1	0	0	0	0	0	0	0	0	0	1	1	2	1	3
Oklahoma, U. of	0	0	0	0	1	1	0	0	0	0	2	1	3	2	5
Pittsburgh, U. of	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Houston, U. of	0	0	0	0	0	0	0	0	0	0	4	0	4	0	4
Texas-Austin, U. of	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
Utah, U. of	0	0	0	0	0	2	0	0	0	0	2	0	2	2	4
Washington State U.	0	0	0	0	0	1	0	0	0	0	1	0	1	1	2
Wisconsin, U. of	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3
TOTAL	1	0	0	0	1	4	0	1	0	1	29	14	31	20	51

TABLE 4-E

FALL 1984 FULL-TIME GRADUATE ENROLLMENT IN PH.D. PROGRAMS

PHARMACY ADMINISTRATION

SCHOOLS BY STATE	BLACK AMERICAN		HISPANIC AMERICAN		ASIAN AMERICAN		NATIVE AMERICAN		OTHER AMERICAN		FOREIGN		TOTAL MALES	TOTAL FEMALES	GRAND TOTAL
	M	F	M	F	M	F	M	F	M	F	M	F			
Arizona, U. of	0	0	0	1	0	0	0	0	0	1	1	0	1	2	3
Colorado, U. of	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Florida, U. of	0	0	0	0	0	0	0	0	0	0	1	1	1	1	2
Purdue U.	0	1	0	0	0	0	0	0	0	0	1	1	1	2	3
Iowa, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Northeast Louisiana U.	1	0	0	0	0	0	0	0	0	0	0	1	1	1	2
Minnesota, U. of	0	0	0	1	0	0	0	0	0	0	6	2	6	3	9
Rhode Island, U. of	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1
Texas-Austin, U. of	0	2	0	0	0	0	0	0	0	0	1	0	1	2	3
TOTAL	1	4	0	2	0	0	0	0	1	1	11	5	13	12	25

TABLE 5-A

FALL 1984 PART-TIME ENROLLMENT IN MASTERS PROGRAMS

SCHOOLS BY STATE	PHARM.		PH. CHEM.		PHCOG.		PHCOL.		PH. ADM.		HOSP. PH.		TOTALS		GRAND
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Auburn U.	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Arizona, U. of	0	0	0	0	0	0	3	1	0	0	0	0	3	1	4
Arkansas Med. U.	0	0	0	0	0	0	0	0	0	0	2	3	2	3	5
Pacific, U. of	2	1	0	0	0	0	1	0	0	0	0	0	1	0	1
Florida, U. of	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Idaho State U.	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Butler U.	0	2	1	0	0	0	3	2	0	0	8	4	12	8	20
Purdue U.	1	0	1	1	0	0	0	1	0	0	0	0	2	2	4
Iowa, U. of	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Kansas, U. of	0	0	0	0	0	0	0	0	0	0	3	6	3	6	9
Northeast Louisiana U.	0	0	0	0	0	0	0	0	0	0	2	0	2	0	2
Maryland U. of	4	0	0	0	0	0	1	3	0	2	4	1	9	6	15
Massachusetts Coll. of Pharm.	0	1	0	0	0	0	0	0	17	6	0	0	17	7	24
Northeastern U.	0	0	25	23	0	0	21	15	0	0	20	14	66	52	118
Wayne State U.	1	0	1	0	0	0	0	0	3	2	21	14	26	16	42
Minnesota, U. of	0	1	0	0	0	0	0	0	2	0	1	1	3	2	5
Mississippi, U. of	1	0	3	2	0	0	0	1	1	4	0	0	5	7	12
Missouri - Kansas City, U. of	3	0	5	1	0	0	7	1	4	3	0	0	19	5	24
Nebraska, U. of	1	0	3	3	0	0	1	2	0	0	0	0	5	5	10
Rutgers U.	9	5	0	2	0	0	3	3	0	0	0	0	12	10	22
A&M Schwartz Long Island U.	22	7	0	0	0	0	9	15	16	0	16	2	63	24	87
St. John's U.	35	16	3	2	0	0	30	18	13	16	0	0	81	52	133
North Carolina, U. of	0	0	0	0	0	0	0	0	0	1	2	5	2	6	8
North Dakota State U.	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1
Ohio State U.	0	1	0	0	0	0	0	1	2	4	0	0	2	6	8
Cincinnati, U. of	0	0	0	0	0	0	3	0	2	0	1	0	6	0	6
Toledo, U. of	0	0	0	0	0	1	0	0	0	0	9	1	9	2	11
Oklahoma, U. of	0	0	0	0	0	0	0	1	1	0	0	0	1	1	2
Oregon State U.	0	0	0	0	0	0	0	0	0	0	3	1	3	1	4
Duquesne U.	8	1	2	1	0	0	2	1	0	0	0	0	12	3	15
Philadelphia Coll. of Pharm.	1	1	1	0	0	0	0	0	0	0	0	0	2	1	3
Temple U.	11	4	1	0	0	0	0	0	0	0	3	0	15	4	19
Pittsburgh, U. of	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
Rhode Island, U. of	0	0	1	1	0	1	2	0	1	1	0	0	4	3	7
South Carolina, U. of	0	0	0	0	0	0	0	0	7	2	0	0	7	2	9
Tennessee, U. of	0	0	0	0	0	0	0	0	1	1	0	0	1	1	2
Houston, U. of	0	0	0	0	0	0	0	0	0	0	2	4	2	4	6
West Virginia, U. of	1	0	0	0	0	0	0	0	0	1	0	0	1	1	2
TOTAL	99	39	47	37	0	2	87	65	70	43	99	57	402	243	645

TABLE 5-B

FALL 1984 PART-TIME ENROLLMENT IN PH.D. PROGRAMS

SCHOOLS BY STATE	PHARM.		PH. CHEM.		PHCOG.		PHCOL.		PH. ADM.		HOSP. PH.		TOTALS		GRAND
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	TOTAL
Arizona, U. of	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1
Georgia, U. of	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Northeast Louisiana U.	1	0	0	0	0	0	0	0	2	1	0	0	3	1	4
Maryland U. of	9	3	2	0	1	1	6	7	0	0	0	0	18	11	29
Wayne State U.	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Minnesota, U. of	1	0	0	0	0	0	0	0	0	0	0	0	5	0	1
Mississippi, U. of	3	1	4	1	0	0	2	2	4	5	0	0	13	9	22
Missouri-Kansas City, U. of	0	0	2	0	0	0	1	2	6	0	0	0	9	2	11
Nebraska, U. of	1	0	0	0	0	0	1	2	0	0	0	0	2	2	4
Rutgers U.	12	5	2	0	2	0	4	3	0	0	0	0	18	8	26
St. John's U.	22	4	3	0	0	0	14	6	0	0	0	0	39	10	49
North Carolina, U. of	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Ohio State U.	1	1	0	0	0	0	0	0	1	1	0	0	2	2	4
Cincinnati, U. of	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Oklahoma, U. of	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1
Duquesne U.	2	0	5	1	0	0	1	0	0	0	0	0	8	1	9
Philadelphia Coll. of Pharm.	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Temple U.	5	4	3	0	0	0	2	0	0	0	0	0	10	4	14
Pittsburgh, U. of	2	0	1	0	0	0	2	0	0	0	0	0	5	0	5
Rhode Island, U. of	0	0	0	0	0	1	2	0	1	1	0	0	3	2	5
South Carolina, Med. U. of	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2
South Carolina, U. of	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
Tennessee, U. of	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
Virginia Commonwealth U.	1	1	1	1	0	0	0	0	0	0	0	0	2	2	4
Wisconsin-Madison, U. of	1	1	0	0	0	0	0	0	0	0	0	0	1	1	2
TOTAL	68	20	25	3	1	2	35	23	15	8	0	0	144	56	200

TABLE 6

PREVIOUS DEGREE OF FULL AND PART-TIME GRADUATE STUDENTS

M.S. STUDENTS	Full-Time			Part-Time		
	American	Canadian	Foreign	American	Canadian	Foreign
Pharmacy degree from school now attending	98	0	12	211	0	2
Pharmacy degree from other U.S. school	136	1	20	140	0	9
Pharmacy degree from foreign school	7	1	198	8	0	48
Non-pharmacy degree from U.S. school	160	0	5	167	0	2
Non-pharmacy degree from foreign school	10	0	45	22	0	18
TOTALS	411	2	280	548	0	79

PH.D. STUDENTS	Full-Time			Part-Time		
	American	Canadian	Foreign	American	Canadian	Foreign
Pharmacy degree from school now attending	170	0	24	32	1	11
Pharmacy degree from other U.S. school	198	2	27	29	0	12
Pharmacy degree from foreign school	35	1	267	0	0	27
Non-pharmacy degree from U.S. school	443	1	38	96	0	2
Non-pharmacy degree from foreign school	12	6	83	0	0	10
TOTALS	858	10	439	157	1	64

TABLE 7
FALL 1983 GEOGRAPHIC ORIGIN OF GRADUATE STUDENTS*

COLLEGE BY STATE	OWN STATE	OTHER STATE	CANADA	FOREIGN COUNTRY	TOTAL
Auburn U.	9	3	0	0	12
Arizona, U. of	46	24	2	17	89
Arkansas Medical Center, U. of	3	1	0	0	4
California, U. of	28	35	1	13	77
Pacific, U. of	4	6	0	15	25
Southern California, U. of	12	2	1	26	41
Colorado, U. of	10	3	0	1	14
Connecticut, U. of	21	32	1	22	76
Florida A&M U.	11	3	0	4	18
Florida, U. of	4	22	0	10	36
Georgia, U. of	17	11	1	19	48
Idaho State U.	2	2	0	3	7
Illinois, U. of	24	14	1	34	73
Butler U.	1	0	0	1	2
Purdue U.	34	58	0	35	127
Iowa, U. of	17	26	0	24	67
Kansas, U. of	18	47	1	29	95
Kentucky, U. of	4	20	0	24	48
Northeast Louisiana U.	9	5	0	20	34
Maryland, U. of	7	7	0	3	17
Massachusetts College of Pharmacy	6	12	0	27	45
Northeastern U.	30	10	0	40	80
Michigan, U. of	12	25	0	20	57
Wayne State U.	2	0	0	4	6
Minnesota, U. of	17	28	1	37	83
Mississippi, U. of	14	10	2	11	37
Missouri-Kansas City, U. of	5	1	0	4	10
Montana U.	0	0	0	2	2
Nebraska, U. of	10	8	0	7	25
Rutgers U.	34	4	0	16	54
A&M Schwartz Long Island U.	9	0	0	25	34
St. John's U.	8	4	1	21	34
State U. of New York at Buffalo	10	15	1	19	45
North Carolina, U. of	21	20	1	10	52
North Dakota State U.	6	5	0	3	14

Ohio State U.	44	24	1	26	95
Cincinnati, U. of	5	1	0	10	16
Toledo, U. of	0	1	0	7	8
Oklahoma, U. of	6	3	0	8	17
Oregon State U.	2	16	0	12	30
Duquesne U.	4	1	0	6	11
Philadelphia College of Pharmacy	12	13	0	8	33
Temple U.	26	5	0	1	32
Pittsburgh, U. of	20	1	0	14	35
Rhode Island, U. of	6	12	0	11	29
South Carolina, Med. U.	3	1	0	1	5
South Carolina, U. of	12	5	0	6	23
Tennessee, U. of	18	3	0	1	22
Texas Southern U.	1	2	0	2	5
Houston, U. of	10	17	0	26	53
Texas at Austin, U. of	24	18	1	18	61
Utah, U. of	9	24	0	24	57
Virginia Commonwealth U.	14	6	0	8	28
Washington, U. of	15	17	1	8	41
Washington State U.	4	12	0	8	24
West Virginia U.	4	1	0	9	14
Wisconsin-Madison U. of	38	23	0	24	85
TOTAL	742	669	17	784	2212

* May include part-time and special students.

TABLE 8
FALL 1984 COUNTRY OF ORIGIN OF FOREIGN STUDENTS*

COUNTRY	TOTAL	COUNTRY	TOTAL
Africa**	11	Jordan	3
Asia**	7	Kenya	4
Australia	3	Korea	30
Bangladesh	19	Kuwait	2
Brazil	5	Lebanon	8
Camaroon	1	Liberia	2
Canada	13	Libya	3
British Columbia	1	Malaysia	7
Ontario	1	Netherlands	2
Quebec	1	New Zealand	1
Ceylon	1	Nigera	27
Columbia	2	Pakistan	12
Dominican Republic	1	Panama	3
Egypt	47	Phillipines	4
Ethiopia	4	Poland	1
France	6	Republic of China	54
Ghana	6	Saudi Arabia	9
Granada	1	Romania	2
Great Britain	12	Scotland	4
Greece	10	South Africa	1
Guyana	1	Spain	2
Haiti	1	Spilanka	2
Holland	1	Sudan	1
Honduras	2	Sweden	1
Hong Kong	27	Thailand	47
Iceland	1	Turkey	1
India	183	Uganda	2
Indonesia	12	Syria	4
Iran	16	Taiwan	111
Iraq	4	Tanzania	3
Israel	10	U.S.S.R.	1
Italy	2	Venezuela	6
Japan	7	West Germany	4
Mexico	7	Zimbabwe	3
		TOTAL	793

* May include part-time and special students.

** Individual nation not specified.

TABLE 9
FALL 1984 ENROLLMENT OF UNITED STATES FULL-TIME STUDENTS IN EACH STATE BY STATE OF RESIDENCE*

ALABAMA (9 + 8 = 17)
- Auburn U. 9
- Georgia, U. of 1
- Colorado, U.of 1
- Minnesota, U. of 1
- Mississippi, U. of 1
- North Carolina, U. of 1
- Texas at Austin, U. of 2
- Virginia Commonwealth U. 1
- Washington U. 1

ALASKA (0 + 1 = 1)
- Florida, U. of 1

ARIZONA (46 + 2 = 48)
- Arizona, U. of 46
- Nebraska, U. of 1
- Tennessee, U. of 1

ARKANSAS (3 + 9 = 12)
- Arkansas, U. of 3
- Illinois, U. of 1
- Purdue U. 1
- Northeast Louisiana U. 3
- North Carolina, U. of 1
- Mississippi, U. of 2
- Washington U. 1

CALIFORNIA (44 + 35 = 79)
- California U. 28
- Pacific, U. of 4
- Southern California, U. of 12
- Arizona, U. of 6
- Illinois, U. of 2
- Purdue U. 1
- Kansas, U. of 5
- Northeast Lousiana U., 1
- Michigan, U. of 3
- Minnesota, U. of 1
- Nebraska, U. of 1
- New York-Buffalo, State U. of 2
- North Carolina, U. of 2
- Houston, U. of 1
- Utah, U. of 4
- Washington, U. of 3
- Washington State U. 3

COLORADO (10 + 11 = 21)
- Colorado, U. of 10
- Arizona, U. of 1
- Purdue U. 1
- Kansas, U. of 1
- Oregon State U. 6
- Utah, U. of 1
- Washington, U. of 1

CONNECTICUT (21 + 21 = 42)
- Connecticut, U. of 21
- California, U.of 2
- Pacific, U. of the 1
- Purdue U. 2
- Kansas, U. of 1

CONNECTICUT (Continued)
- Massachusetts Coll. of Pharm. 1
- Northeastern U. 1
- Minnesota, U. of 1
- Ohio State U. 3
- Oklahoma, U. of 1
- Philadelphia Coll. of Pharm. 1
- Rhode Island, U. of 3
- Wisconsin, U. of 3

DELAWARE (0 + 3 = 3)
- Michigan, U. of 1
- Temple U. 1
- Wisconsin, U. of 1

DISTRICT OF COLUMBIA (0 + 2 = 2)
- California, U. of 1
- Massachusetts Coll. of Pharm. 1

FLORIDA (17 + 15 = 32)
- Florida A&M U. 13
- Florida, U. of 4
- California, U. of 2
- Georgia, U. of 2
- Kentucky, U. of 3
- Nebraska, U. of 2
- North Carolina, U. of 2
- South Carolina, U. of 1
- Houston, U. of 2

GEORGIA (17 + 4 = 21)
- Georgia, U. of 17
- Florida A&M U. 1
- Florida, U. of 1
- Purdue U. 1
- Wisconsin, U. of 1

HAWAII (0 + 3 = 3)
- Colorado, U. of 1

IDAHO (2 + 7 = 9)
- Idaho State U. 2
- Arizona, U. of 1
- Pacific, U. of the 1
- Purdue U. 1
- Minnesota, U. of 1
- Oregon State U. 1
- Washington, U. of 1
- Washington State U. 1

ILLINOIS (24 + 41 = 65)
- Illinois 24
- Auburn U. 1
- Arizona, U. of 2
- California, U. of 3
- Pacific, U. of the 1
- Connecticut, U. of 1
- Purdue U. 2
- Iowa State U. 9
- Kansas, U. of 4
- Michigan, U. of 3

ILLINOIS (Continued)
- North Dakota State U. 1
- Ohio State U. 3
- Toledo, U. of 1
- Oregon State U. 2
- Philadelphia Coll. of Pharm. 1
- South Carolina, Med. U. 1
- Utah, U. of 1
- Washington, U. of 3

INDIANA (35 + 21 = 56)
- Butler U. 1
- Purdue U. 34
- Pacific, U. of the 1
- Idaho State U. 1
- Illinois, U. of 2
- Iowa, U. of 1
- Kansas, U. of 2
- Kentucky, U. of 1
- Michigan, U. of 2
- Ohio State U. 3
- Texas Southern U. 2
- Houston, U. of 1
- Texas at Austin, U. of 4
- West Virginia U. 1

IOWA (17 + 18 = 35)
- Iowa, U. of 17
- Arizona, U. of 1
- California, U. of 3
- Purdue U. 1
- Kansas, U. of 2
- Maryland, U. of 1
- Minnesota, U. of 3
- Nebraska, U. of 2
- North Carolina, U. of 1
- North Dakota State U. 1
- Oregon State U. 1
- Houston, U. of 1
- Washington State U. 1

KANSAS (18 + 7 = 25)
- Kansas, U. of 18
- California, U. of 1
- Missouri-Kansas City U. of 1
- Tennessee, U. of 1
- Houston, U. of 2
- Wisconsin, U. of 2

KENTUCKY (4 + 6 = 10)
- Kentucky U. 4
- Pacific, U. of 1
- Northeast Louisiana U. 1
- Ohio State U. 3
- Texas at Austin, U. of 1

LOUISIANA (9 + 6 = 15)
- Northeast Louisiana U. 9
- Florida A&M U. 1
- Purdue U. 1
- Mississippi, U. of 1
- Houston, U. of 1
- Texas at Austin, U. of 1

* May include part-time and special students.

The first number in each set of parentheses indicates the number of resident students attending colleges in-state; the second number represents the number of resident students attending colleges in other states. Under each state are listed the colleges enrolling students from the state with schools within that state underlined.

LOUISIANA (Continued)
Wisconsin, U. of 1

MAINE (0 + 6 = 6)
Connecticut, U. of 1
Florida, U. of 1
Purdue U. 1
Kansas, U. of 1
Massachusetts Coll. of Pharm. 1
Rhode Island, U. of 1

MARYLAND (7 + 11 = 18)
Maryland, U. of 7
Connecticut, U. of 1
Illinois, U. of 1
Purdue U. 2
Michigan, U. of 2
Minnesota, U. of 1
North Carolina, U. of 1
Ohio State U. 1
Rhode Island, U. of 1
Texas at Austin, U. of 1

MASSACHUSETTS (36 + 32 = 68)
Massachusetts Coll. of Pharm. 6
Northeastern U. 30
California, U. of 7
Pacific, U. of 1
Connecticut, U. of 5
Florida, U. of 1
Illinois, U. of 1
Purdue U. 3
Kentucky, U. of 1
Minnesota, U. of 1
New York-Buffalo State U. 1
Ohio State U. 3
Temple U. 1
Rhode Island, U. of 5
Houston, U. of 1
Texas at Austin, U. of 1

MICHIGAN (14 + 23 = 37)
Michigan U. of 12
Wayne State U. 2
California, U. of 1
Florida, U. of 2
Purdue U. 4
Iowa, U. of 4
Kentucky, U. of 3
North Carolina, U. of 1
Philadelphia Coll. of Pharm. 1
Utah, U. of 3
Washington, U. of 2
Wisconsin, U. of 2

MINNESOTA (17 + 15 = 32)
Minnesota, U. of 17
California, U. of 2
Southern California, U. of 1
Florida, U. of 1
Iowa, U. of 1
Kansas, U. of 3
Michigan, U. of 2
North Dakota State U. 2
Oklahoma, U. of 1
Utah, U. of 1
Wisconsin, U. of 1

MISSISSIPPI (14 + 6 = 20)
Mississippi U. of 14
Idaho State U. 1
Illinois, U. of 1
Iowa, U. of 1
Iowa, U. of 1
Northeast Louisiana U. 1
Michigan, U. of 1

MISSISSPPI (Continued)
Minnesota, U. of 1

MISSOURI (15 + 11 = 16)
Missouri-Kansas City, U. of 5
Arizona, U. of 1
Iowa, U. of 1
Kansas, U. of 1
Nebraska, U. of 1
North Dakota State U. 1

MONTANA (0 + 7 = 7)
Kansas, U. of 1
Minnesota, U. of 3
Washington, U. of 1
Washington State U. 2

NEBRASKA (10 + 9 = 19)
Nebraska, U. of 10
California, U. of 1
Kansas, U. of 2
Kentucky, U. of 1
Ohio State U. 1
Houston, U. of 1
Washington, U. of 1
Wisconsin, U. of 2

NEVADA (0 + 2 = 2)
Arizona, U. of 1
Washington, U. of 1

NEW HAMPSHIRE (0 + 6 = 6)
Connecticut, U. of 1
Kansas, U. of 1
Massachusetts Coll. of Pharm. 1
Ohio State U. 1
Utah, U. of 2

NEW JERSEY (34 + 38 = 72)
Rutgers U. 34
California, U. of 2
Connecticut, U. of 2
Georgia, U. of 1
Kansas, U. of 3
Massachusetts Coll. of Pharm. 1
Northeastern U. 1
Michigan, U. of 2
Minnesota, U. of 1
Nebraska, U. of 1
St. John's U. 3
Nevada, U. of 1
North Carolina, U. of 2
Oklahoma, U. of 1
Duquesne U. 1
Philadelphia Coll. of Pharm. 5
Temple U. 2
Pittsburgh, U. of 1
Rhode Island, U. of 1
South Carolina, U. of 1
Texas at Austin, U. of 1
Utah, U. of 1
Virginia Commonwealth U. 3
Wisconsin, U. of 1

NEW MEXICO (0 + 6 = 6)
California, U. of 1
Connecticut, U. of 1
Kansas, U. of 2
Ohio State U. 1
Texas at Austin, U. of 1

NEW YORK (27 + 68 = 95)
A&M Schwartz Long Island U. 9
St. John's U. 8
New York-Buffalo State U. 10
Arizona, U. of 3

NEW YORK (Continued)
California, U. of 2
Colorado, U. of 1
Connecticut, U. of 11
Florida, U. of 2
Georgia, U. of 2
Illinois, U. of 1
Purdue U. 12
Kansas, U. of 3
Kentucky, U. of 3
Maryland, U. of 2
Massachusetts Coll. of Pharm. 1
Northeastern U. 3
Michigan, U. of 4
Minnesota, U. of 2
Rutgers U. 2
North Carolina, U. of 3
Ohio State U. 1
Oregon, U. of 1
Philadelphia Coll. of Pharm. 5
Temple U. 1
Houston, U. of 1
Utah, U. of 1
Wisconsin, U. of 1

NORTH CAROLINA (21 + 5 = 26)
North Carolina, U. of 21
Georgia, U. of 1
Purdue U. 1
Iowa, U. of 1
South Carolina, U. of 1
Utah, U. of 1

NORTH DAKOTA (6 + 3 = 9)
North Dakota State U. 6
Iowa, U. of 1
Minnesota, U. of 2

OHIO (49 + 32 = 81)
Ohio State U. 44
Cincinnati, U. of 5
Auburn U. 1
Southern California, U. of 1
Connecticut, U. of 1
Florida, U. of 2
Georgia, U. of 1
Illinois, U. of 1
Purdue U. 6
Kansas, U. of 2
Kentucky, U. of 3
Massachusetts Coll. of Pharm. 1
Michigan, U. of 2
New York-Buffalo, State U. of 4
Houston, U. of 1
Utah, U. of 3
Washington, U. of 1
Wisconsin, U. of 2

OKLAHOMA (6 + 2 = 8)
Oklahoma U. of 6
Florida, U. of 1
Mississippi, U. of 1

OREGON (2 + 5 = 7)
Oregon State U. 2
California, U. of 1
Kentucky, U. of 1
Texas at Austin, U. of 1
Washington State U. 2

PENNSYLVANIA (58 + 53 = 111)
Philadelphia Coll. of Pharm. 12
Temple U. 26

PENNSYLVANIA (Continued)

Pittsburgh, U. of	20
Arizona, U. of	3
Arkansas, U. of	1
California, U. of	1
Connecticut, U. of	3
Florida, U. of	3
Illinois, U. of	1
Purdue U.	3
Iowa, U. of	1
Kansas, U. of	3
Kentucky, U. of	3
Maryland, U. of	2
Northeastern U.	2
Rutgers U.	2
New York-Buffalo State U.	5
North Carolina, U. of	3
Ohio State U.	2
Duquesne U.	4
Rhode Island, U. of	1
South Carolina, U. of	1
Tennessee, U. of	1
Houston, U. of	2
Texas at Austin, U. of	2
Utah, U. of	1
Virginia Commonwealth U.	1
Washington, U. of	1
Washington State U.	1

RHODE ISLAND (6 + 8 = 14)

Rhode Island, U. of	6
California, U. of	2
Connecticut, U. of	2
Massachusetts Coll. of Pharm.	1
Oregon State U.	1
Utah, U. of	2

SOUTH CAROLINA (15 + 6 = 21)

South Carolina, Med. U. of	3
South Carolina, U. of	12
Florida, U. of	2
Georgia, U. of	1
Illinois, U. of	1
Mississippi, U. of	1
New York-Buffalo State U.	1

SOUTH DAKOTA (0 + 3 = 3)

Purdue U.	1
Iowa, U. of	1
North Carolina, U. of	1

TENNESSEE (18 + 9 = 27)

Tennessee, U. of	18
Auburn U.	1
Purdue U.	2
Kansas, U. of	1
Kentucky, U. of	1
Mississippi, U. of	3
Wisconsin, U. of	1

TEXAS (31 + 21 = 52)

Texas Southern U.	1
Houston, U. of	10
Texas at Austin, U. of	24
California, U. of	1
Florida A&M U.	1
Georgia, U. of	3
Illinois, U. of	1
Purdue U.	3
Iowa, U. of	1
Mississippi, U. of	1
New York-Buffalo State U.	1
Virginia Commonwealth U.	1
Washington, U. of	1

UTAH (9 + 2 = 11)

Utah, U. of	9
Arizona, U. of	1
Wisconsin, U. of	1

VERMONT (0 + 3 = 3)

Connecticut, U. of	1
Purdue U.	1
Northeastern U.	1

VIRGINIA (14 + 8 = 22)

Virginia Commonwealth U.	14
Arizona, U. of	1
Florida, U. of	1
Maryland, U. of	2
Iowa, U. of	1
Kansas, U. of	1
Cincinnati, U. of	1
Oregon, U. of	1
Texas at Austin, U. of	1
Washington State U.	1

WASHINGTON (19 + 7 = 26)

Washington, U. of.	15
Washington State U.	4
Arizona, U. of	1
Maryland, U. of	1
Northeastern U.	1
New York-Buffalo State U.	1
North Carolina, U. of	1
Oregon State U.	1
Utah, U. of	1

WEST VIRGINIA (4 + 2 = 6)

West Virginia, U. of	4
California, U. of	1
Ohio State U.	1

WISCONSIN (38 + 22 = 60)

Wisconsin, U. of	38
Arizona, U. of	1
California, U. of	1
Connecticut, U. of	2
Kansas, U. of	2
Michigan, U. of	3
Minnesota, U. of	9
Ohio State U.	1
Utah, U. of	1
Washington, U. of	2

WYOMING (0 + 1 = 1)

South Carolina, U. of	1

PUERTO RICO (0 + 23 = 23)

Florida, U. of	1
Purdue U.	8
Iowa, U. of	3
Maryland, U. of	1
Massachusetts Coll. of Pharm.	4
Michigan, U. of	2
Minnesota, U. of	1
St. John's U.	1
Oregon State U.	2

TABLE 10

CHANGE IN PHARMACY SCHOOL GRADUATE ENROLLMENT
(FULL AND PART-TIME)

Academic Year	Schools Reporting Grad. Programs	Total Enrollment	From Preceding Academic Year	From 1970-71 Academic Year
1970-71	58	2029	+ 2.01	-
1971-72	57	2040	+ .54	+ .54
1972-73	56	2030	- .49	+ .05
1973-74	55	2287	+ 12.66	+ 12.72
1974-75	50	2273	- .61	+ 12.02
1975-76	54	2499	+ 9.94	+ 23.16
1976-77	55	2482	- .68	+ 22.33
1977-78	55	2651	+ 6.81	+ 30.66
1978-79	55	2776	+ 4.72	+ 36.82
1979-80	54	2791	+ .52	+ 37.55
1980-81	54	2942	+ 5.13	+ 45.09
1981-82	53	2961	+ .64	+ 45.93
1982-83	54	2928	- 1.11	+ 44.31
1983-84	54	3051	+ 4.24	+ 50.37
1984-85	54	3029	- .72	+ 49.3

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